

**47629 to 47830—Continued.****47647. BETULA UTILIS D. Don. Betulaceæ. Birch.**

A moderate-sized tree, 40 to 50 feet in height, with smooth shining whitish bark and irregularly serrate leaves. The tough hard wood is pinkish white and even grained. (Adapted from *Kirtikar, Indian Medicinal Plants*, pt. 2, p. 1213.)

**47648. BRASSAIOPSIS SPECIOSA Dec. and Planch. Araliaceæ.**

A small tree with the upper parts of the branches prickly and with digitate leaves. The panicle is large, sometimes more than a foot long. The tree is a native of Nepal, Assam, and Burma, India. (Adapted from *Hooker, Flora of British India*, vol. 2, p. 737.)

**47649. BUCKLANDIA POPULNEA R. Br. Hamamelidaceæ.**

A large evergreen tree, up to 80 feet in height, native to the eastern Himalayas at altitudes of 3,000 to 8,000 feet. The wood is grayish brown, close grained, and durable, and is very much used in Darjiling for planking and for doors and window frames. (Adapted from *Watt, Dictionary of the Economic Products of India*, vol. 1, p. 545.)

**47650. BUDDLEIA ASIATICA Lour. Loganiaceæ.**

A graceful, large shrub or small tree, common through India and the Malay Peninsula, ascending to 6,000 feet in the Nilghiri Hills. The lanceolate leaves are 4 to 8 inches long, and the small, white, sweet-scented flowers are borne in long, slender, spikelike racemes. This plant flowers continuously for three months in India. (Adapted from *Curtis's Botanical Magazine*, pl. 6323.)

**47651. CALLICARPA RUBELLA Lindl. Verbenaceæ.**

A small Chinese shrub, about 2 feet in height, entirely covered with short hairs. The flat, yellowish green leaves are 4 to 5 inches long, with strong dentations and cordate bases. The small pink flowers are borne in many-flowered cymes. (Adapted from *Botanical Register*, vol. 11, p. 883.)

**47652. CALLICARPA VESTITA Wall. Verbenaceæ.**

A medium-sized tree, often 30 feet high, with a thick trunk and ovate, acute leaves with silky white lower surfaces, 4 to 10 inches long. The lavender flowers are in axillary cymes. It is a native of Nepal and Sikkim, India, where it ascends to 4,000 feet. (Adapted from *Hooker, Flora of British India*, vol. 4, p. 567.)

**47653. CAPPARIS OLACIFOLIA Hook. f. and Thoms. Capparidaceæ.**

An erect thorny shrub, 6 to 8 feet tall, with shining leaves and large, axillary flowers, white, with blue anthers. The shrub is found in the tropical valleys of the Himalayas from Nepal to Assam. The wood is white and hard, and weighs about 44 pounds to the cubic foot. (Adapted from *Watt, Dictionary of the Economic Products of India*, vol. 2, p. 132, and *Hooker, Flora of British India*, vol. 1, p. 178.)

**47654. CASSIA LAEVIGATA Willd. Cæsalpiniaceæ. Canudo de pito.**

A tropical American ornamental shrub with panicles of whitish yellow flowers. The reedlike branches are used in Brazil for making smoking pipes. (Adapted from *Rodrigues, Hortus Fluminensis*, p. 146.)

**47655. CASSIA TORA L. Cæsalpiniaceæ.**

An annual shrub, common throughout the Tropics, the seeds of which have been recently used as an adulterant for coffee in Bombay, India.